

Title: **Winners of MICCAI 2020 Startups Village Pitch Competition**

MICCAI, NVIDIA Inception, and SIPAIM, have announced the winners in the MICCAI Startups Village pitch competition at the 23rd International conference of MICCAI (Medical Image Computing & Computer Assisted Intervention) 2020. This unique virtual event celebrated the achievements of innovative startups dramatically improving information processing, machine learning, and computational modeling in medical image computing and computer assisted interventions. State of the art research in AI-powered radiology, pathology, medical robotics, computer-aided interventions, and health informatics were showcased at MICCAI this week.

The winners were selected across five categories from the healthcare and technology industries, including Daniel Racoceanu (MICCAI General co-Chair), Jorge Brieva (SIPAIM Secretary), and Renee Yao (NVIDIA Global Healthcare AI Startups Lead).

Due to COVID-19 and social distancing measures, the winners were announced and honored in a virtual live pitch competition and ceremony on October 6 at 11 AM PT, where finalists from across the world joined through Zoom to participate.

The awards this year also honored cutting-edge solutions related to the current Covid-19 pandemic. Many companies either pivoted their product focus, tweaked their primary industry focus, figured out how to deliver/test their products, or simply expanded their use cases due to Covid-19. At the MICCAI Startup Village pitch competition, we especially wanted to celebrate the companies that presented through the COVID Solution Award.

"The first Startup Village at MICCAI fosters a strong entrepreneurial community for an audience with growing interest in product development and in the clinical translation of imaging and AI algorithms," said Marius George Linguraru, DPhil, Principal Investigator at Children's National Hospital and Professor of Radiology and Pediatrics at George Washington University. "This year's finalists come from four continents to showcase their solutions to improve the management of health conditions of children and adults."

"We're inspired by the vibrant community of innovators who joined us in this AI endeavor to help make patient care more automated, accessible, and scalable," said Renee Yao, NVIDIA Global Healthcare AI Startups Lead. "Our winners are passionate about their solutions and eager to help in ways they can. We look forward to opening doors for them to validate their ideas, go to market faster, and provide better care."

MICCAI 2020 Lima PERU

VIRTUAL

23rd INTERNATIONAL CONFERENCE ON MEDICAL IMAGE COMPUTING
& COMPUTER ASSISTED INTERVENTION
4-8 OCTOBER 2020

COVID Solution Award

To:
NeuralMind

COVID Solution Award
NeuralMind

AI Application Award

To:
RetinAI Medical AG

AI Application Award
RetinAI Medical AG

Innovation Award

To:
iSono Health

Innovation Award
iSono Health

Impact Award

To:
PediaMetrix Inc

Impact Award
PediaMetrix Inc

Audience Favorite Award

To:
iSono Health

Audience Favorite Award
iSono Health

MICCAI 2020 Startup Village Award

To:
iSono Health

MICCAI 2020 Startup Village Award
iSono Health

A CONFERENCE by



[Winners of MICCAI Startups Village Pitch Competition Awards]

Winners of the 2020 MICCAI Startup Village Pitch Competition are:

- **COVID Solution Award:** NeuralMind and Unicamp's MICLab FEEC (University of Campinas) form a consortium, using AI to diagnose COVID-19 using computed tomography and chest x-rays.
- **AI Application Award:** Retinai develops software tools to accelerate and optimize clinical, research and pharmaceutical workflows. Retinai Discovery® is the first CE-marked product, which embodies the requirements for next generation multi-modal data management in ophthalmology.
- **Innovation Award:** iSono Health provides the world's first portable and automated 3D breast ultrasound scanner for accessible and personalized breast health monitoring.
- **Most Impactful Award:** Pediametrix brings AI & Computer Vision tools to pediatric healthcare, by providing Digital Cranial Measurements for pediatric head measurements and monitoring.
- **Audience Favorite Award:** iSono Health provides the world's first portable and automated 3D breast ultrasound scanner for accessible and personalized breast health monitoring.
- **Finalists:**



[Finalists of MICCAI Startups Village Pitch Competition Awards]

- Voxel Healthcare is a medical imaging technology company and developer of ClickBrain - a MR Clinical Decision Support Tool for Pediatrics.
- CETREAL uses mixed reality and AI to offer design and development services.
- DeepDense uses whole body anatomical AI inference to provide dense labeling services and APIs for companies and research labs to improve radiological services and patient care.
- Entelai provides AI-powered services to enable the early detection of anomalies for better patient care and offers diagnostic and therapeutic suggestions that help conceptualize the patient's conditions, providing medical practitioners with a tool to improve the experience with patients.
- Surgeon MR develops an interactive mixed reality surgical navigation system on a head-mounted display that overlays preoperative imaging on the operative field to provide surgeons with location of desired target overlaid intraoperatively directly on the patient's anatomy.
- WITSEE developed a ML SaaS based virtual assistant for pathologists, by providing a secured and automated AI platform for histological images analysis.

And the overall pitch competition winner:

- **MICCAI 2020 Startups Village Award:** iSonso Health provides the world's first portable and automated 3D breast ultrasound scanner for accessible and personalized breast health monitoring

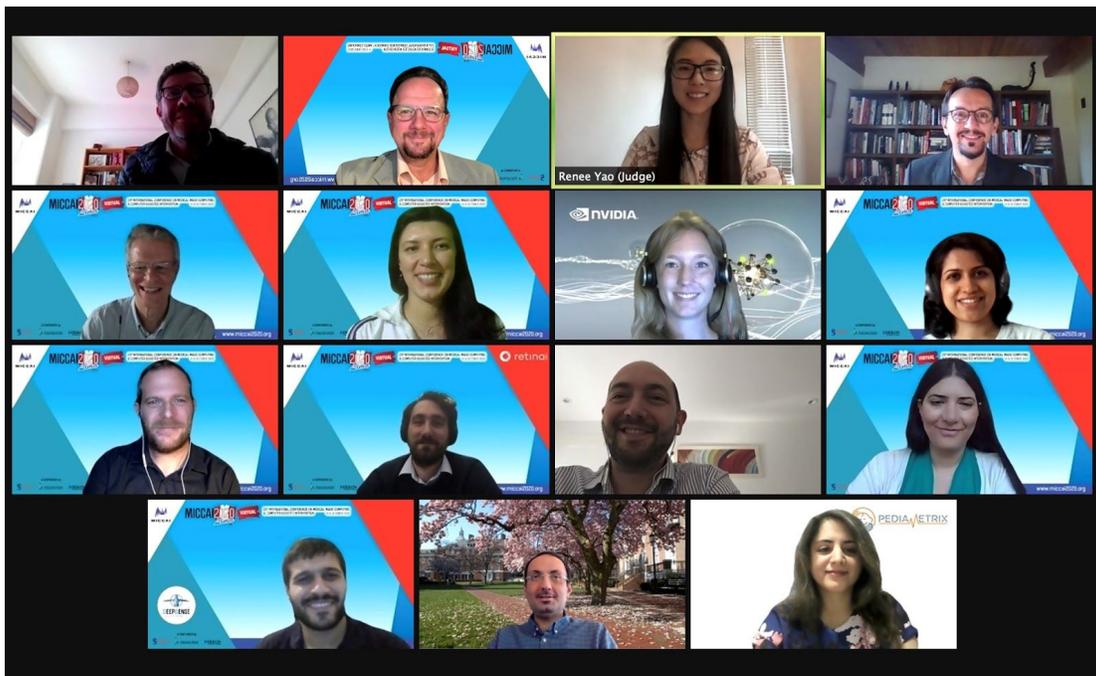


[MICCAI 2020 Startups Village Award (Overall Winner) - iSono Health]

Join us to congratulate them. Please reach out if you'd like to learn more, advise, or join their companies. See you next year at MICCAI 2021.

Startups Village committee members :

Parvin Mousavi, Nicola Rieke, Renee Yao, Jorge Brieva, Marius George Linguraru and Daniel Racoceanu



[MICCAI Startups Village Committee Members and Competitors Celebrating the End of Competition]

About MICCAI and MICCAI 2020

The MICCAI Society was formed as a non-profit corporation on July 29, 2004. The Society is governed by an elected Board of Directors (the MICCAI Board). The MICCAI Society goals and focus are multidisciplinary in nature and bring together scientists, engineers, physicians, surgeons, educators and students who contribute to and participate in the mission and activities of the MICCAI Society. The history of the Society dates from the early 1990s when three separate international conferences evolved into a single conference in 1998 which was named the MICCAI (Medical Image Computing and Computer Assisted Intervention) Conference. The MICCAI conference was organized yearly until the founding of the MICCAI Society in 2004. In recent years, MICCAI conferences are organized yearly by shifting between three (group of) continents : Americas, Europe or Africa, Asia or Australia. Learn more: <http://www.miccai.org/about-miccai/>

For the 23rd edition of the conference - MICCAI 2020 - organized for the first time, virtually, an exciting program consisting of 540 peer-reviewed papers (selected among 1876 submitted papers - about 30% acceptance rate) is presented in three days as posters and orals organized in moderated topical sessions for questions and answers. The conference includes 57 satellite events consisting of workshops, tutorials, and challenges on the days preceding and succeeding the conference. These satellite events offer a comprehensive forum to further explore topics relevant to MICCAI. The conference includes live sessions with three prominent invited speakers, a panel with the Radiological Society of North America (RSNA), an industry panel with representatives of leading companies, a start-up village event, and virtual sponsor booths. It also includes a Women in MICCAI session, a mentorship program for students and young researchers, and a variety of networking and social events organized by the MICCAI Student Board. Learn more: <https://www.miccai2020.org/en/>

About NVIDIA and NVIDIA Inception

NVIDIA pioneered GPU computing — a supercharged form of computing at the intersection of computer graphics, high-performance computing, and AI. The GPU's invention fueled the growth of PC gaming. Today, GPU computing is reshaping trillion-dollar industries like transportation, healthcare and manufacturing, and fostering entirely new industries just taking root. NVIDIA Clara, healthcare application frameworks for imaging, genomics and smart hospitals, is enabling the healthcare industry to innovate and accelerate the journey to precision medicine.

<https://www.nvidia.com/en-us/industries/healthcare-life-sciences/>

NVIDIA's startup accelerator program, NVIDIA Inception, nurtures cutting-edge AI companies that are revolutionizing industries. It offers go-to-market support, expertise, and technology—all tailored to a new business's maturity stage. Startups get access to training through NVIDIA's Deep Learning Institute, preferred pricing on hardware through a global network of distributors, invitations to exclusive networking events, and more. Apply today at www.nvidia.com/inception.

About SIPAIM and SIPAIM 2020

The SIPAIM Society is a non-profit organization created to promote the growth of scientific excellence in Latin America by bringing together scientists, engineers, physicians, educators and students to leverage the benefits of medical science throughout the region. A main objective of the Society is to

facilitate the foundation and consolidation of research and development in the fields of medical imaging and information processing, an innovative and practical vision about the medical processes of the future. The Society is governed by a Board of Directors (the SIPAIM Board) with members coming mainly, although not exclusively, from Latin American countries. Learn more :

<https://sipaim.org/society/about>

The SIPAIM conference is the mechanism that generates spaces for discussion and dissemination of new knowledge and discoveries that are critical to define the next generation of scientific leaders in Latin American countries. The conference supports the education of Latin American talent, and creates networks of technical and scientific international collaborations focused on the advancement of health in the Latin American community. The conference SIPAIM 2020 was organised virtually, in conjunction with MICCAI 2020. Learn more : <https://www.sipaim.org>